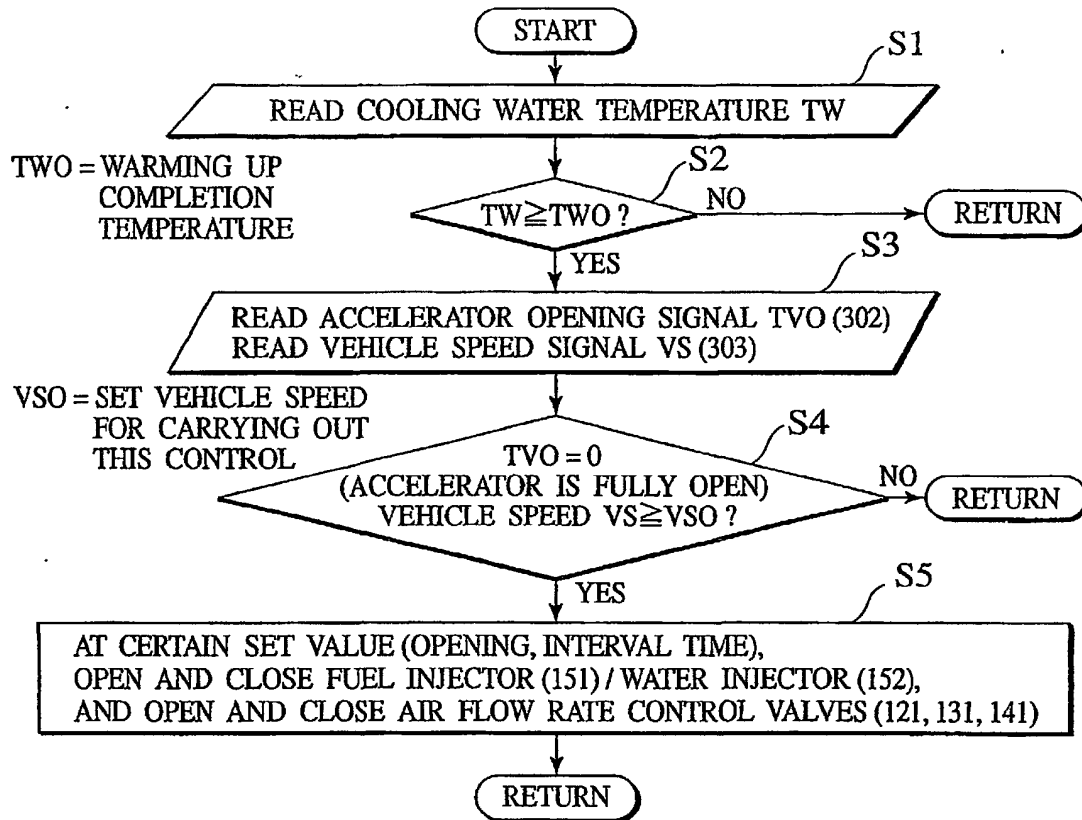


FIG.2



**FIG. 3**

The diagram illustrates a fuel cell system 200. The system is divided into two main sections by a dashed line. The left section, enclosed in a dashed box, contains the fuel cell components: an evaporator 150, a heat exchanger 146, a fuel injector 151, a water injector 152, a combustor 140, a fuel injector 145, a reformer reactor 120, a CO removing reactor 130, and a stack 210. The right section contains the power management components: a power manager 220 and a secondary battery. The system also includes two compressors 400, two flow rate control valves (121, 131), and various sensors (122, 132, 142). Signals 301, 302, and 303 are shown entering the system from the bottom. A dashed line separates the fuel cell components from the power management components.

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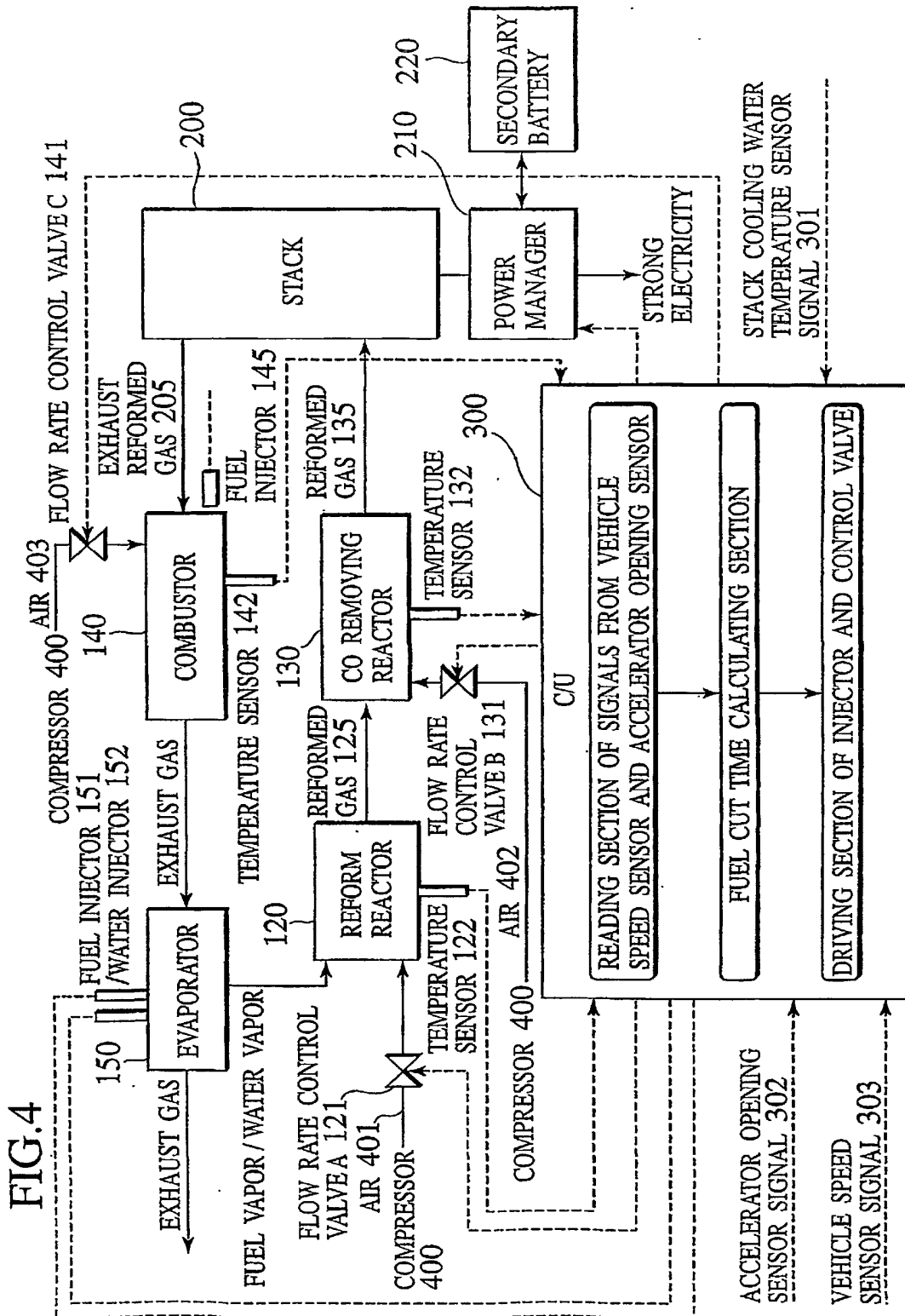


FIG.5

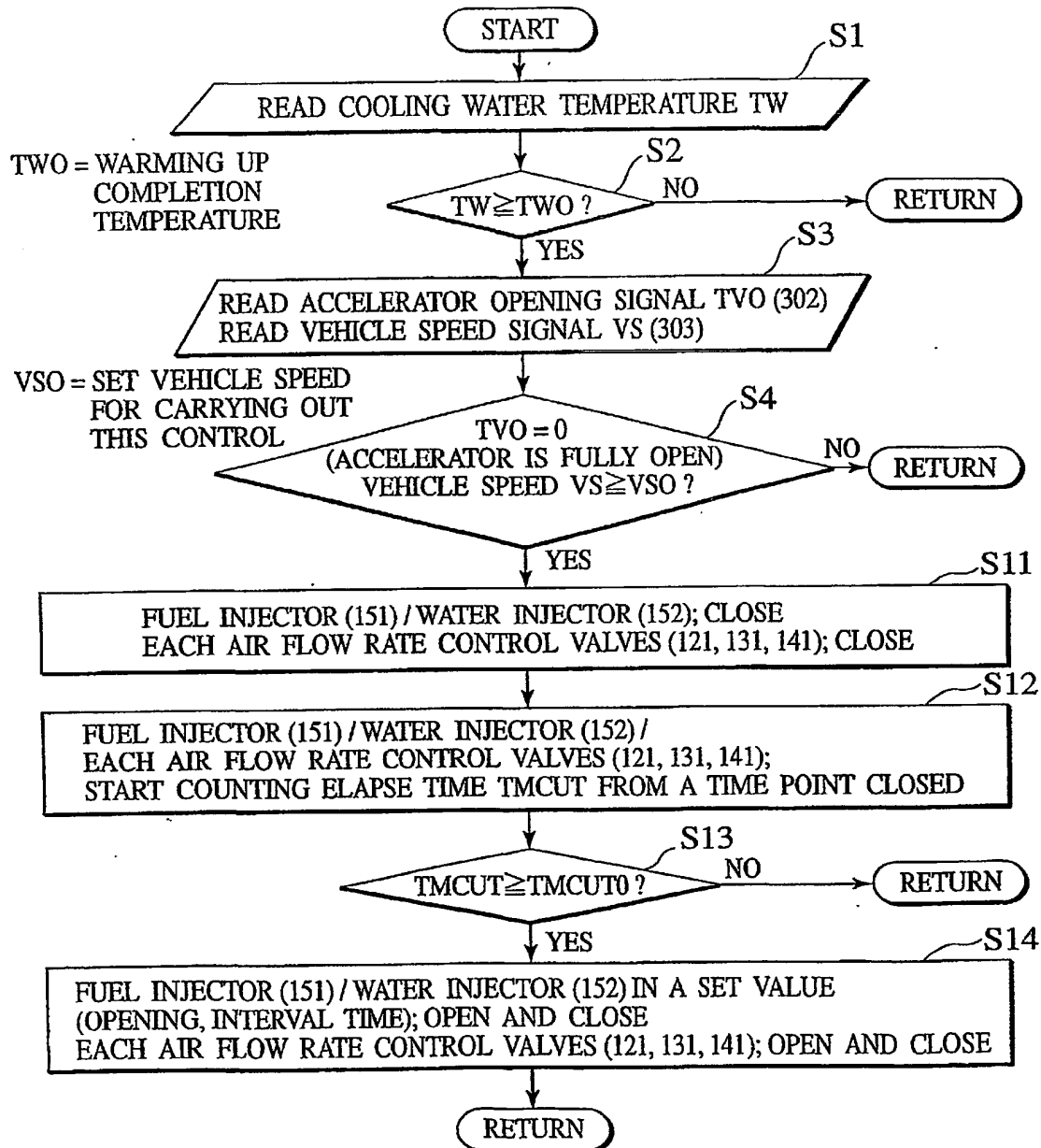
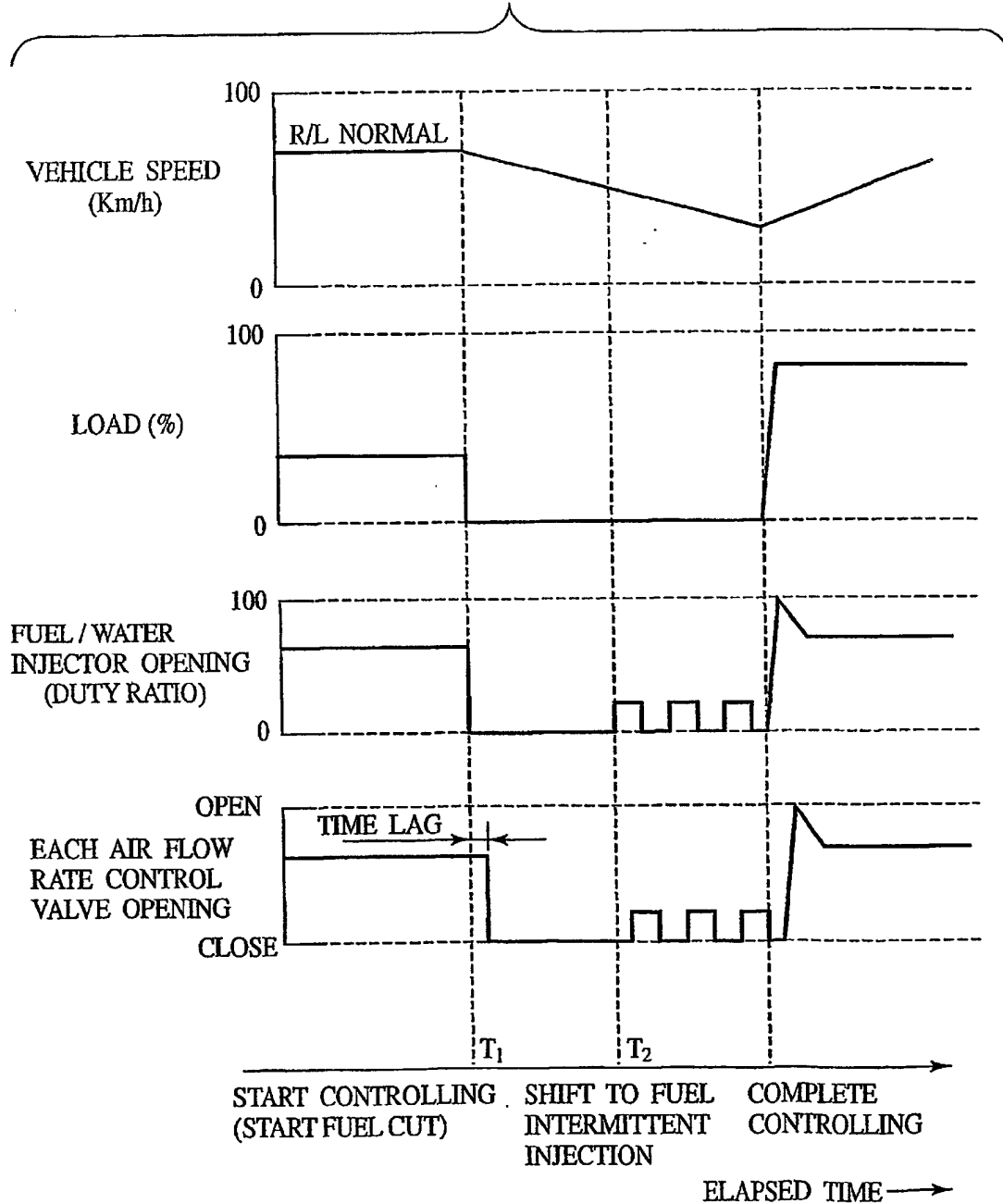


FIG.6



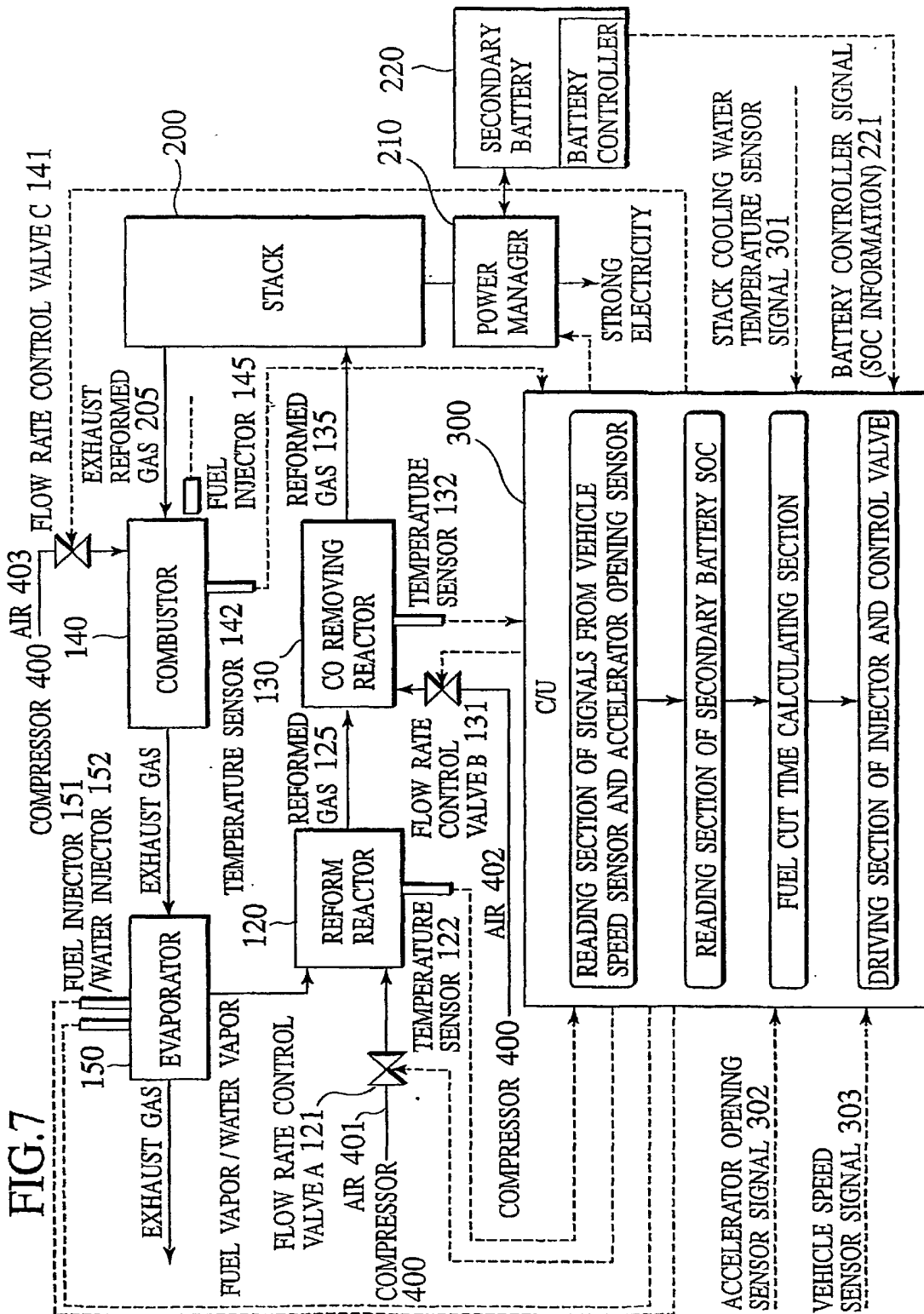
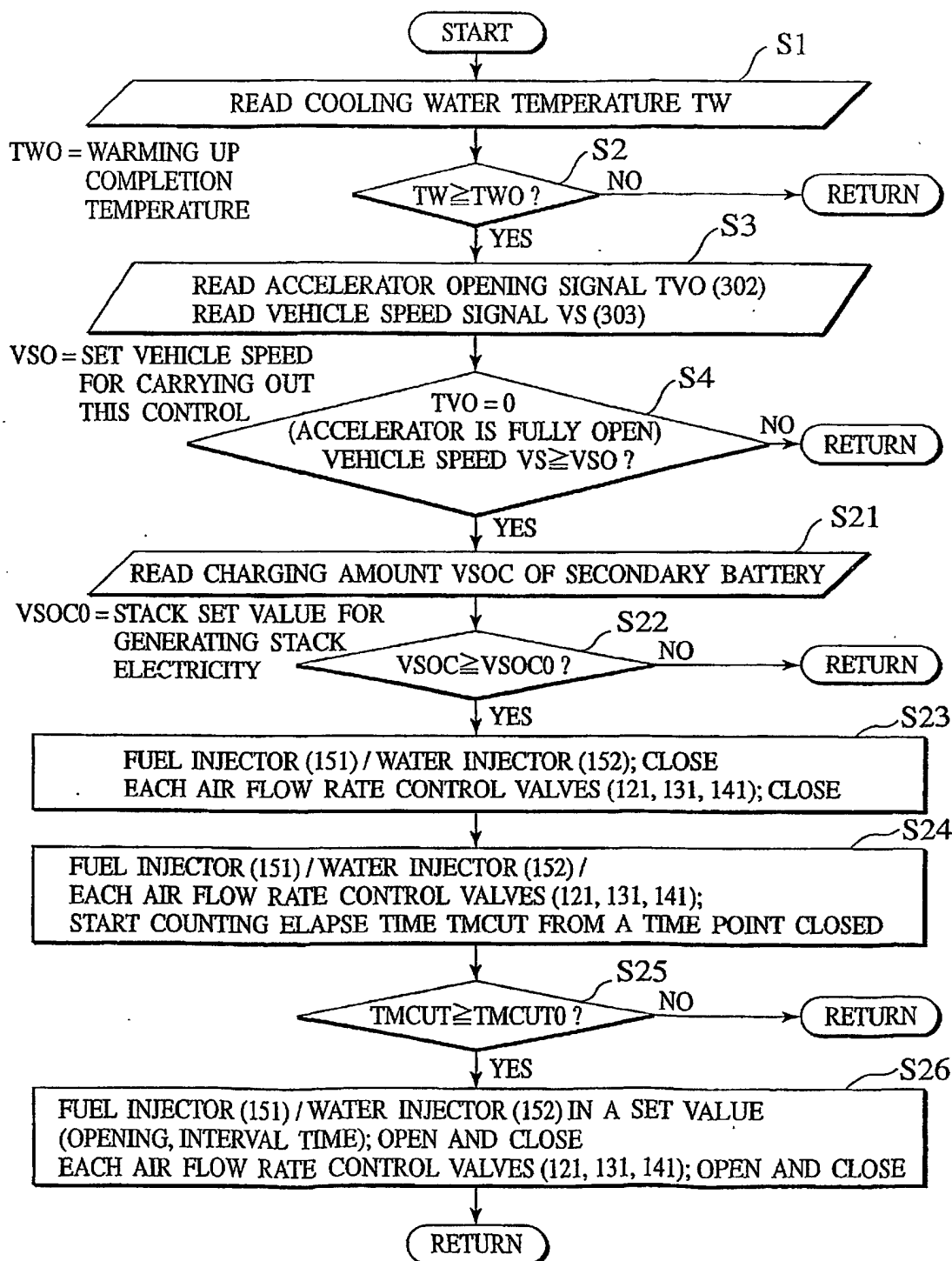


FIG.8





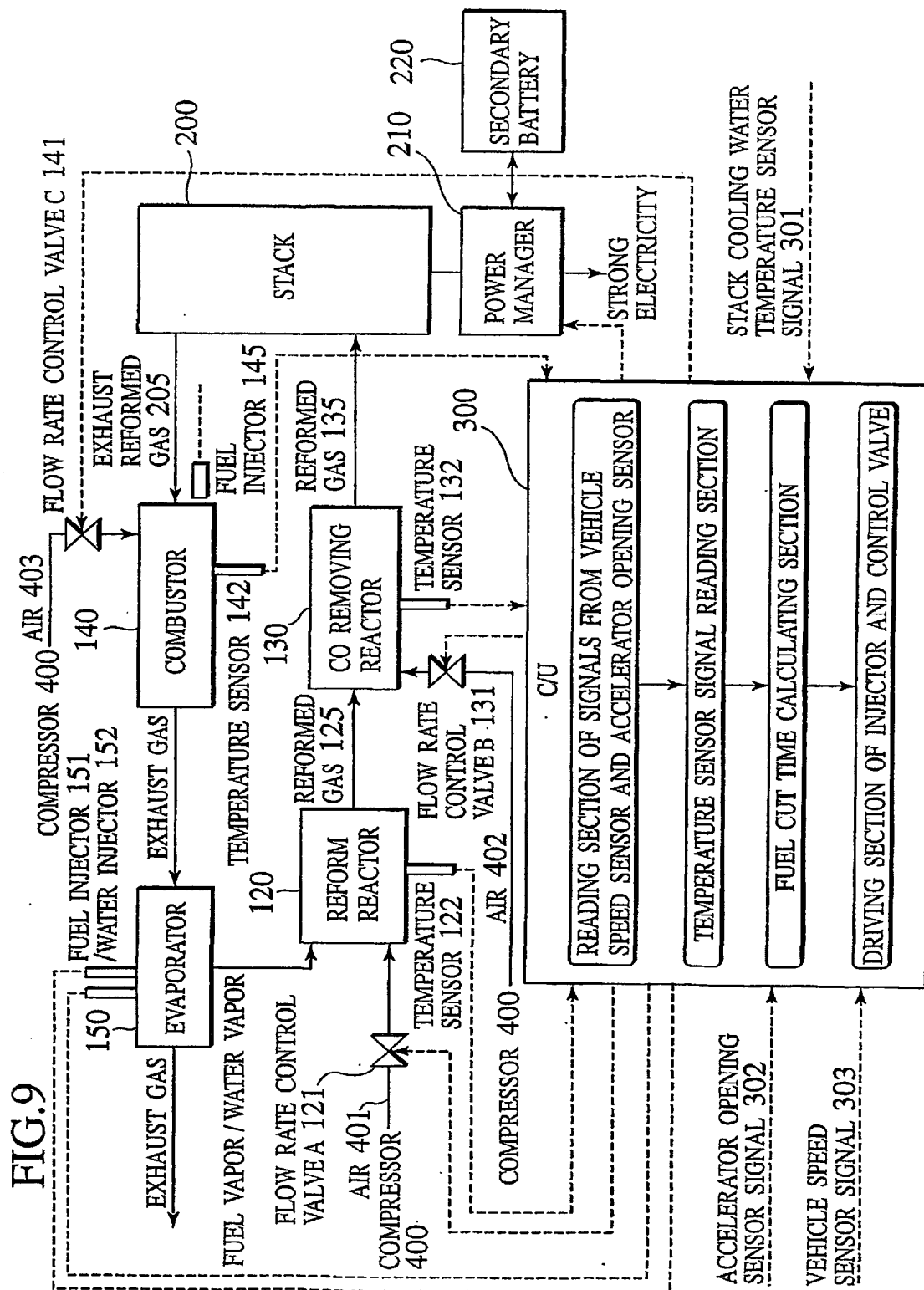
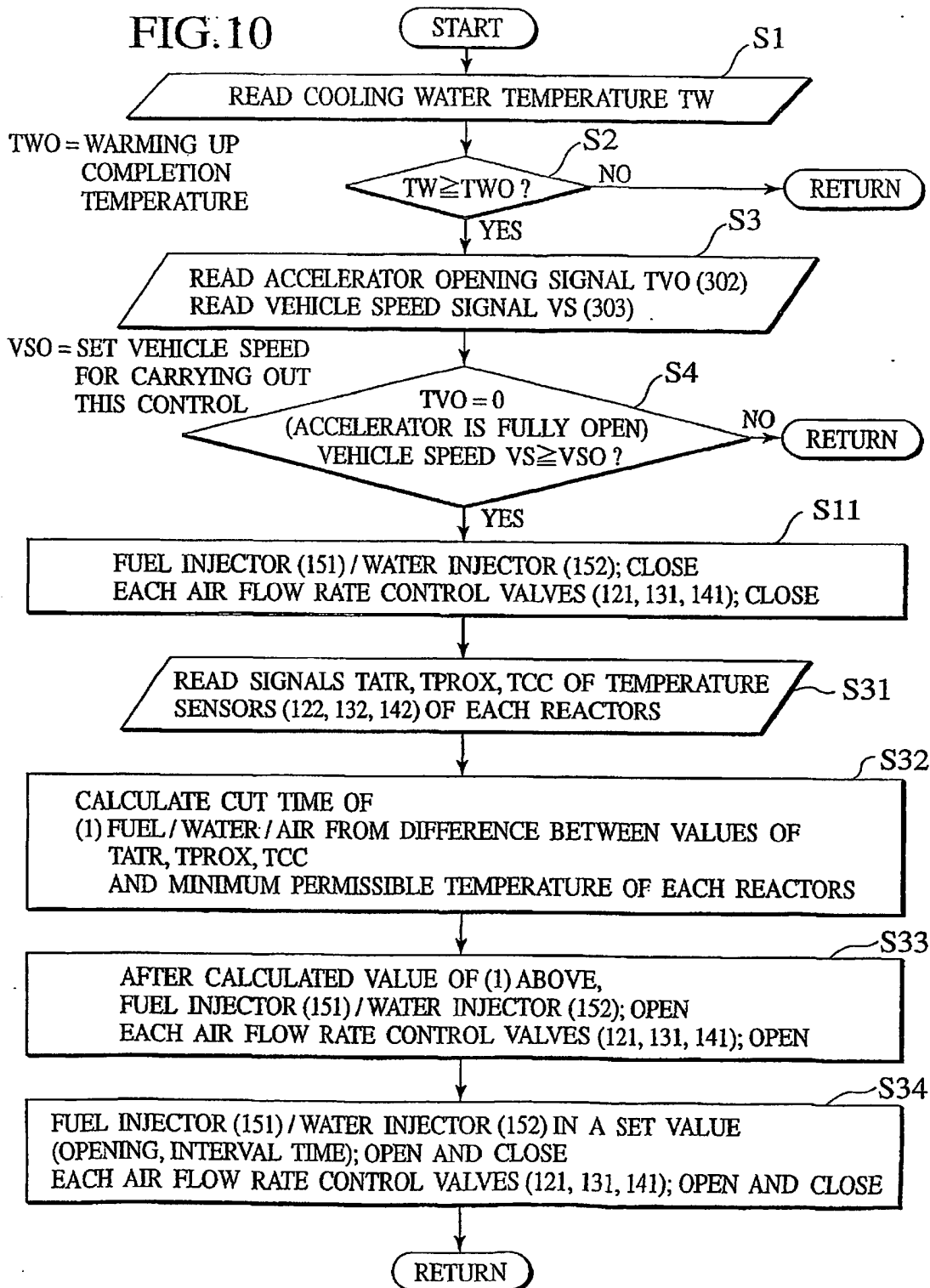


FIG. 10



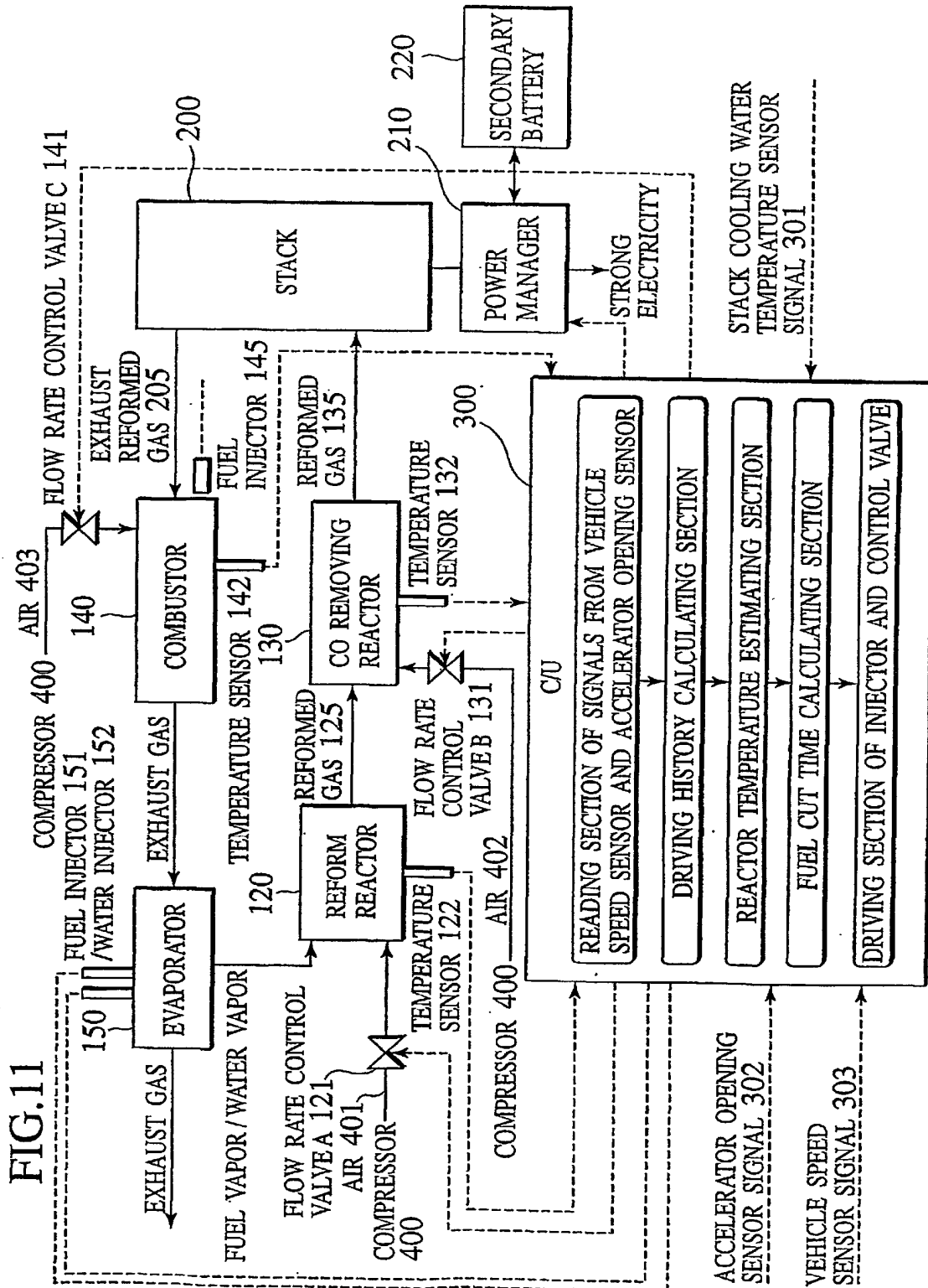


FIG.12

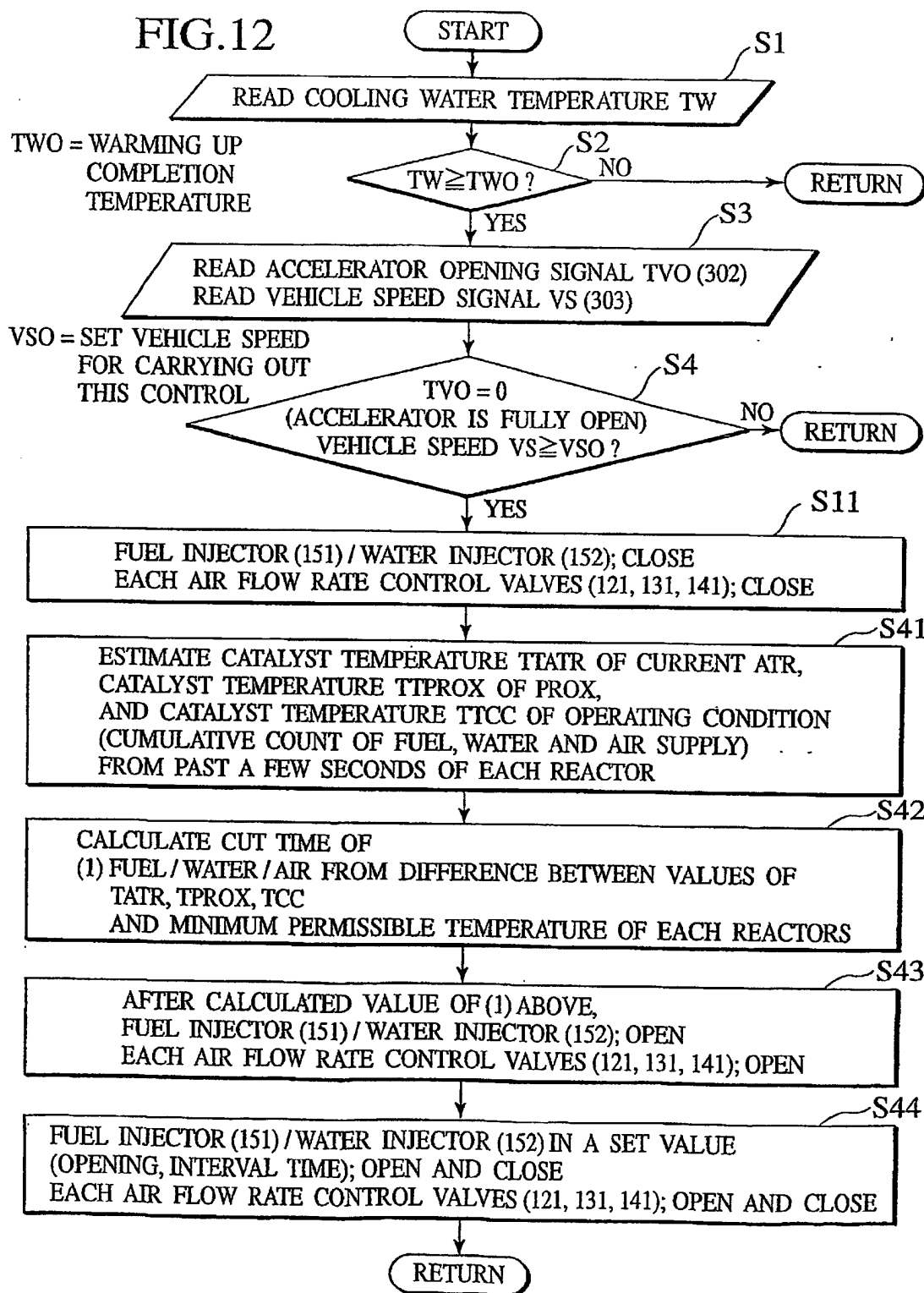


FIG.13

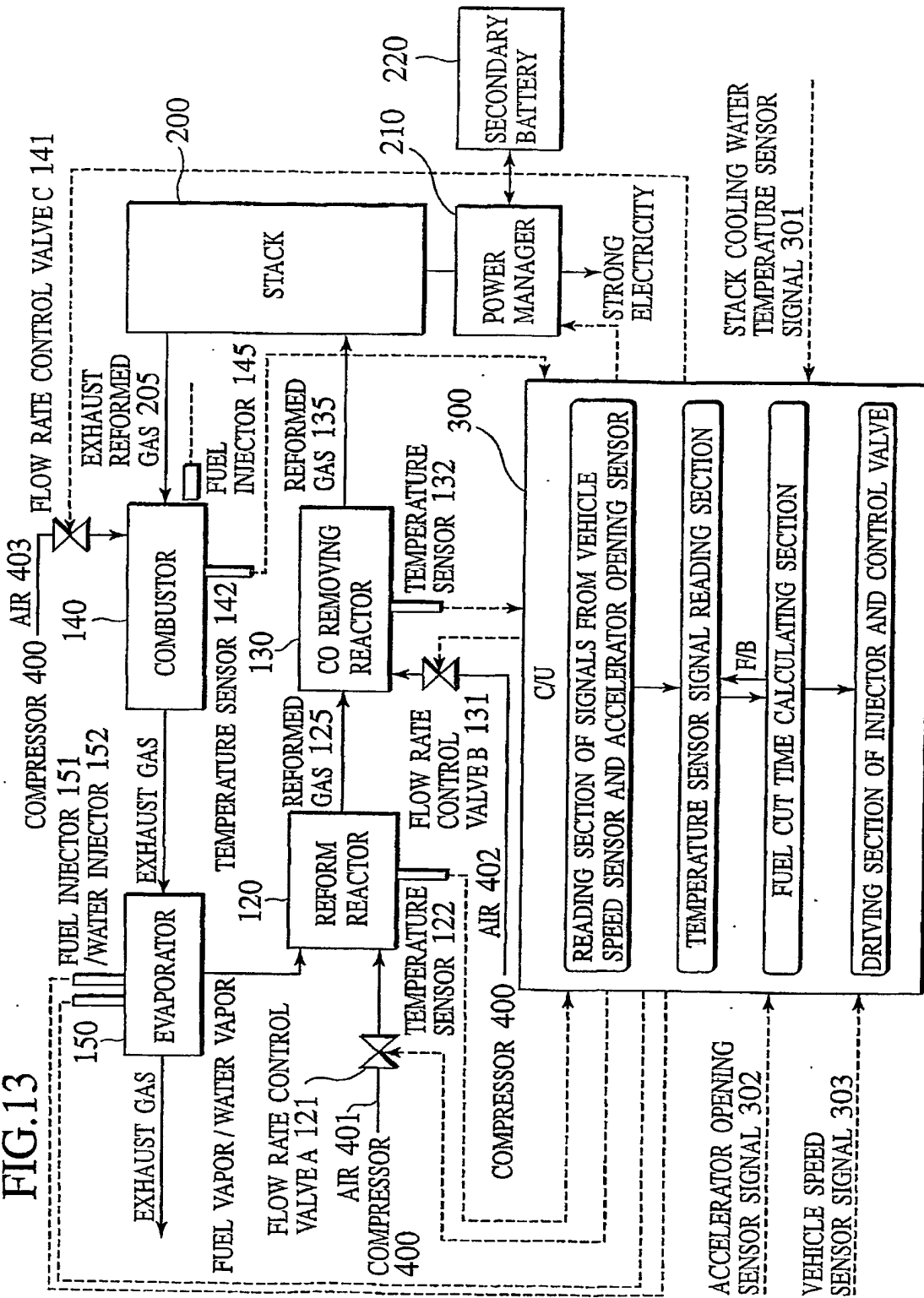
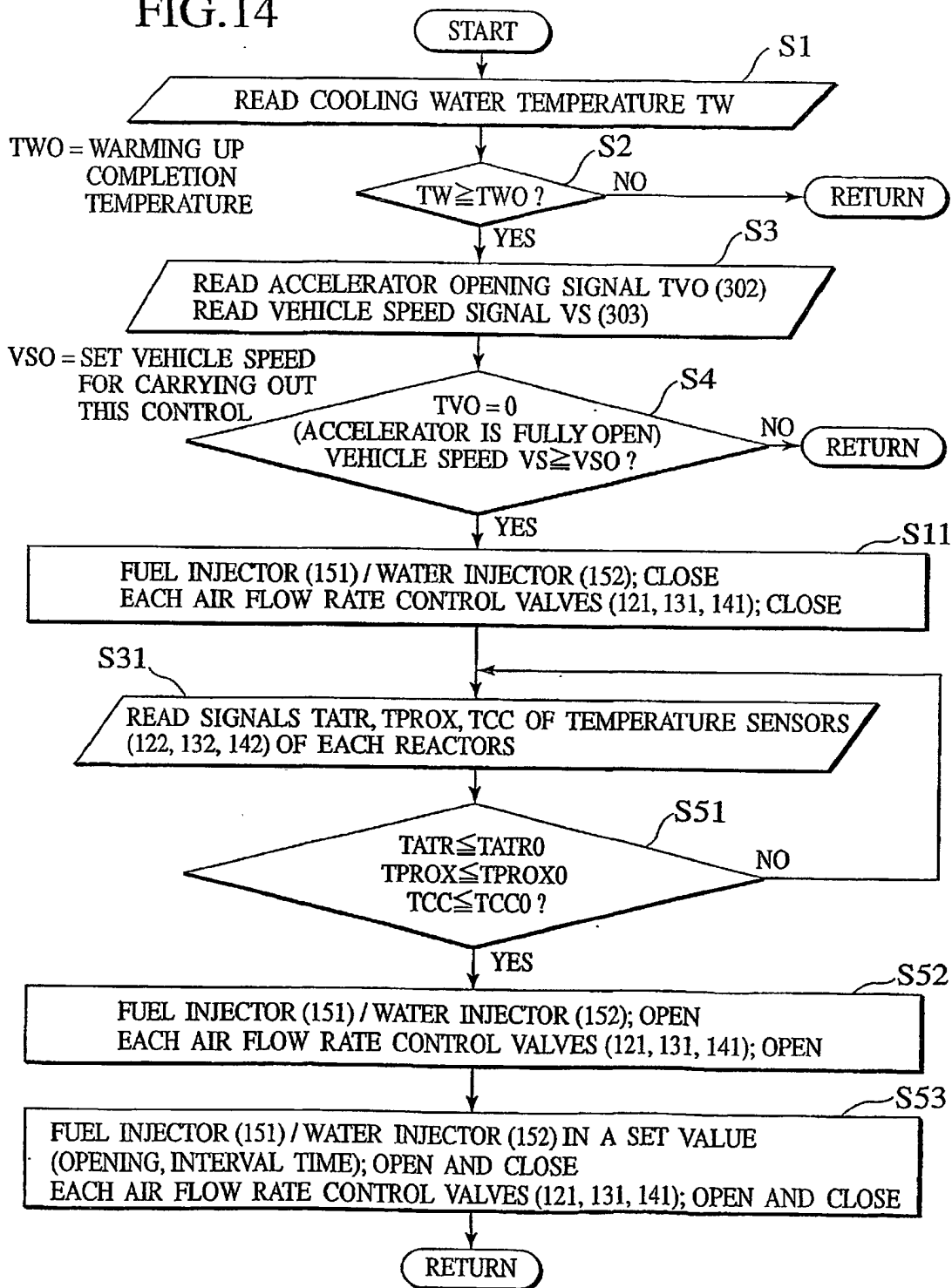


FIG.14



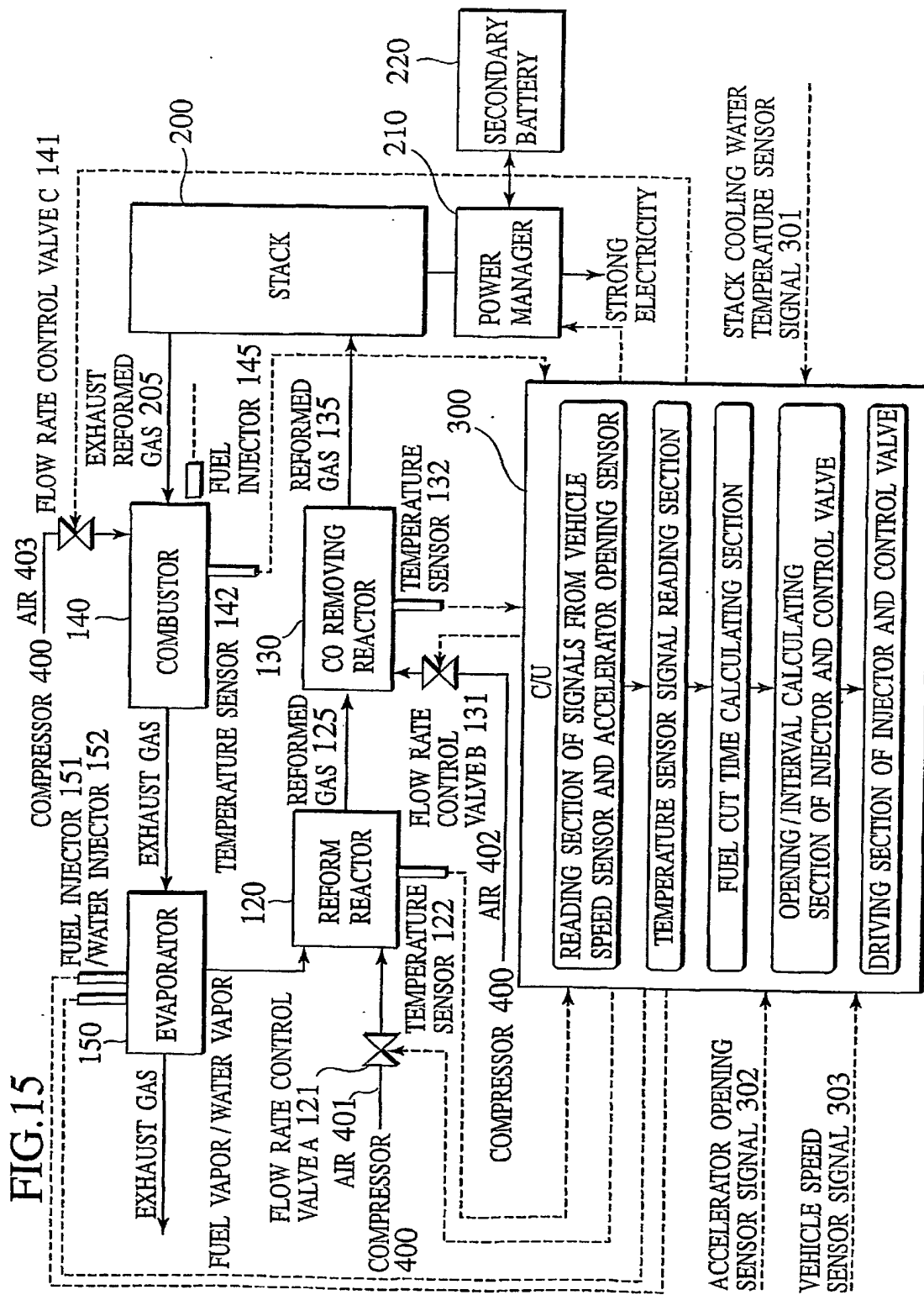


FIG.16

